## Attachment 4 Prospectus

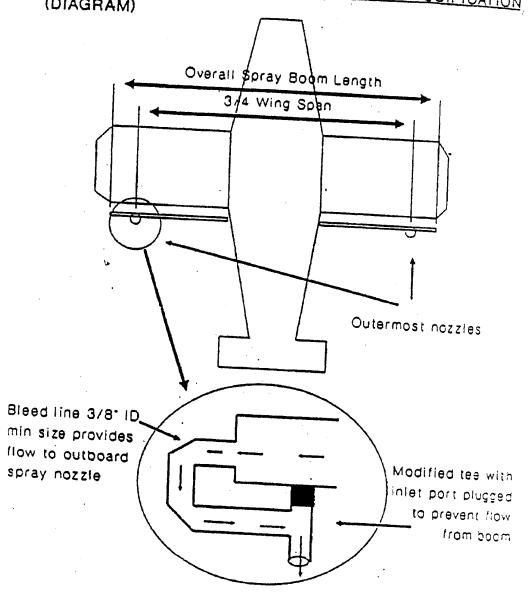
U.S. DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE PLANT PROTECTION AND QUARANTINE  AIRCRAFT AND PILOT QUALIFICATION ACCEPTANCE REPORT  6. CONTRACTOR'S NAME & MAILING ADDRESS (Include Zip code)		1. PROGRAM		2. REGION 4. CONTRACT NO.				
		3. CHECK-IN-SITE		5. DATE				
		7. REGISTERED AIRCRAFT OWNER'S NAME & MAILING ADDRESS (Include Zip code)						
TELEPHONE NO.  8. STATE PESTICIDE REGISTRATION & EXPIRATION DATE		TELEPHONE NO.  9. FAA AG CERTIFICATE NO.						
10. AIRCRAFT REGISTRATION NO.		11. MAKE/MODEL						
12. DATE OF ANNUAL INSPECTION	13. CATEGORY - A	. B, C, OR D	14. SPEED	(MPH)				
15. DATE AVAILABLE	16. OBSERVATION	AIRCRAFT TIME SINCE 1	00 HOUR INSPECTION	· · · · · · · · · · · · · · · · · · ·				
17. CHEMICAL	18. RATE/ACRE	· · · · · · · · · · · · · · · · · · ·	20. ASSIGN	ED SWATH				
21. PROOF OF INSURANCE YES	NO	22. AIRWORTHINESS	CERTIFICATE CATEGO	RY				
	PIL	OT INFORMATION						
PILOTS NAME & MAILING ADDRESS (Include Zip code)			D. (ATP or Commercial)					
			. (	•				
	•	25. RATINGS						
		26. MEDICAL DATE/CLASS						
TELEPHONE NO.		27. BIENNIAL FLIGHT REVIEW DATE						
28. TOTAL TIME (1,000 Hours minimum)		29. STATE APPLICATION LICENSE NO.						
30. TOTAL AG TIME (100 Houre minimum)		31. STATE APPLICATOR LICENSE EXPIRATION DATE						
32. TOTAL TIME IN TYPE								
33. OBSERVATION PILOT: LETTER OF COMPETENCY		Total time		1,000 hours minimum)				
REMARKS	YES NO	Total AG/Observation tim	10	(50 hours AG or observation minimum)				
		· · · · · · · · · · · · · · · · · · ·	···					
PPQ FORM 816								

44. Unused noticles removed and openings plugged  45. Special equipment required - i.e., flagman, smoker  46. For large alrostin - a method to determine the amount of chemical in the holipper, in flight and on the ground  47. NO. OF NOZZLES INSTALLED FOR  48. SPRAY TIP AND STRAINER SIZE, i.e., SS 8000/50 MESH (See prospectus for 149. OPERATING BOOM PRESSURE (PS ANLBRATION)  SEMARKS  CERTIFICATION  CERTIFICATION  CERTIFICATION  CONTROL SIGNATURE  TITLE  S2. DATE				TANGE MESECTION				
37. Equipped with autro valve that meets aproximal part PAR 137 53 (C)(2)  38. Drain valve(s) located at lowest point(s) in the system  39. Emergency short-off varie located between the hopper and pump-leak for semo-instration  40. Blead lines installed on spray booms when required (See propects for corriect installation of blead lines)  41. Pump with capacity to definer 40 PSI to all survey recizies  42. Functional pressure guage with a minimum range of zero to 60 but no greater. Than zero to 100 PSI  43. In the strainer - between pump and boom  44. Unless notation removed and openings plugged  45. Special equipment required -1.e., flagman, wholer  46. For large altrash - a method to obtamina the amount of chamical in the holloger in flight and on the ground  47. NO OF NOZZES INSTALLED FOR  46. SPRAY TIP AND STRAINER SIZE, i.e., SS 8000/60 MESH (See prospectua for PRESSURE (PSEALBRATION)  **REMARKS**  **OPERATING BOOM PRESSURE (PSEALBRATION)  **REMARKS**  **OPERATING BOOM PRESSURE (PSEALBRATION)  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **COPPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **TILE**  **SO DATE  **UNACCEPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **SO DATE  **TILE**  **SO DATE  **TILE**  **SO DATE  **CERTIFICATION  **COPPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **SO DATE  **TILE**  **SO DATE  **TILE**  **SO DATE  **COPPTABLE**  **UNACCEPTABLE**  **SO DATE  **TILE**  **SO DATE  **CERTIFICATION  **COPPTABLE*  **SO DATE  **SO DATE  **COPPTABLE*  **COPPTABLE*  **COPPTABLE*  **COPPTABLE*  **COPPTA	PLACE AN "X" IN THE APPROPRIATE BOX		STEMB ACCE	TANCE INSPECTION	•		YES	NO
37. Equipped with autro valve that meets aproximal part PAR 137 53 (C)(2)  38. Drain valve(s) located at lowest point(s) in the system  39. Emergency short-off varie located between the hopper and pump-leak for semo-instration  40. Blead lines installed on spray booms when required (See propects for corriect installation of blead lines)  41. Pump with capacity to definer 40 PSI to all survey recizies  42. Functional pressure guage with a minimum range of zero to 60 but no greater. Than zero to 100 PSI  43. In the strainer - between pump and boom  44. Unless notation removed and openings plugged  45. Special equipment required -1.e., flagman, wholer  46. For large altrash - a method to obtamina the amount of chamical in the holloger in flight and on the ground  47. NO OF NOZZES INSTALLED FOR  46. SPRAY TIP AND STRAINER SIZE, i.e., SS 8000/60 MESH (See prospectua for PRESSURE (PSEALBRATION)  **REMARKS**  **OPERATING BOOM PRESSURE (PSEALBRATION)  **REMARKS**  **OPERATING BOOM PRESSURE (PSEALBRATION)  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **COPPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **TILE**  **SO DATE  **UNACCEPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **SO DATE  **TILE**  **SO DATE  **TILE**  **SO DATE  **CERTIFICATION  **COPPTABLE**  **UNACCEPTABLE**  **UNACCEPTABLE**  **SO DATE  **TILE**  **SO DATE  **TILE**  **SO DATE  **COPPTABLE**  **UNACCEPTABLE**  **SO DATE  **TILE**  **SO DATE  **CERTIFICATION  **COPPTABLE*  **SO DATE  **SO DATE  **COPPTABLE*  **COPPTABLE*  **COPPTABLE*  **COPPTABLE*  **COPPTA	35. Sprey tank interior desired of all contamin	ention						
37. Equipped with dump valve that meets agricultural part FAR 137 83 (C)(2)  38. Drain valve(s) located at lowest point(s) in the system  39. Emergency sturt-off varies located between the hopper and pump - sex for demo institution  40. Black lines installed on agray booms within required. (See properties for coming of institution of black lines)  41. Pump with capacity to deliner 40 PSI to all sorey nozzale  42. Functional pressure pulpe with a minimum range of zero to 60 but no greater. Plan zero to 100 PSI  43. In line strainer - between pump and boom  44. Unless nozzales removed and openings plugged  45. Special equipment required - Le., flagman, amouser  46. For large alternitin - a method to determine the amount of chemical in the holpoor; in flight and on the ground  47. For large alternitin - a method to determine the amount of chemical in the holpoor; in flight and on the ground  48. PRAY TIP AND STRAILED SIZE, Le., SS 5002/50 MESH. (See prospectue for 149. OPERATING BOOM PRESSURE (PI periodular advant and spize)  49. PRAY TIP AND STRAILED SIZE, Le., SS 5002/50 MESH. (See prospectue for 149. OPERATING BOOM PRESSURE (PI periodular advant and spize)  49. CERTIFICATION  CERTIFICATI			nents	······································				
38. Drish vave(s) located at lowest point(s) in the system  39. Emergency stud-off verve located between the hopper and pump - text for Geno Installation of bleed lines)  49. Bleed lines installed on apray booms when required (See proportial for coming of installation of bleed lines)  41. Pump with capacity to deliver 40 PSI to all apray nozities  42. Functional pressure guage with a minimum range of zero to 60 but no greater. Than zero to 100 PSI  43. In line strainer - between pump and boom  44. Unused nozities removed and openings plugged  45. Special equipment required - i.e., flagment, emoker.  46. For large strastin - a method to determine the amount of chemical in the holipper in fight and on the ground  47. NOLO FORDIZEE INSTALLED FOR  48. SPRAY TIP AND STRANES SIZE, I.e., SS 8002/50 MESH. (See prospectus for 149, OPERATING BOOM PRESSURE (P) persoular element and dp atray.  58. SELARKS  52.  CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  CONTINUE  17. DELIVER SIZE INSTABLE SIZE INSTABLE INSTABLE IN ACCEPTABLE UNACCEPTABLE  18. CONTINUE IN THE SECOND IN ACCEPTABLE UNACCEPTABLE IN ACCEPTABLE IN AC								
39. Emergency shuf-off valve loosed between the hopper and pump - sek for demo netration 40. Bleed lines installed on sprey booms when required (See propectus for corn led installation of bleed lines) 41. Pump with capacity to deliver 40 PSI to all aprey nozzose 42. Functional pressure guage with a minimum range of zero to 60 but no greater. than zero to 100 PSI 43. In line strainer - between pump and boom 44. Unused nozzides removed and openings plugged 45. Special equipment required - i.e., flagman, emoker 46. For large straint - a method to determine the smount of chanical in the holipper, in flight and on the ground 47. NOLOF NOZZILES INSTALLED FOR 48. SPRAY TIP AND STRAINER SIZE, i.e., SS 8002/50 MESH. (See prospectus for 149. OPERATING BOOM PRESSURE /PSIALBARATION 49. OPERATING BOOM PRESSURE /PSIALBARATION 49. CERTIFICATION 49. DEPENDING BOOM PRESSURE   UNACCEPTABLE   UNACCEPTABLE 49. DATE			···		<del></del>			
43. Pump with capacity to deliver 40 PSI to all spray nozzase 43. Pump with capacity to deliver 40 PSI to all spray nozzase 43. Pump with capacity to deliver 40 PSI to all spray nozzase 44. Pump with capacity to deliver 40 PSI to all spray nozzase 45. Functional pressure puspe with a minimum range of zero to 50 but no greater - than zero to 100 PSI 45. In line strainer - between pump and boom 46. Universor nozzase removed and openings plugged 45. Special equipment required - i.e., flagman, emouser 46. For large alroady - a method to determine the amount of chanical in the holipper in flight and on the ground 47. NO OF NOZZLES INSTALLED FOR 48. SPRAY TIP AND STRAINER SUZE, i.e., SS 8002/50 MESH (See prospectus for - 49. OPERATING BOOM PRESSURE /PS AND PRESSURE AN								
41. Pump with capacity to deliver 40 PSI to all apray nozzee 42. Functional pressure guage with a minimum range of zero to 60 but no greater. than zero to 100 PSI 43. In line strainer - between pump and boom 44. Unused nozzee removed and openings plugged 45. Special equipment required - i.e., flagman, smoker 46. For large shoresh - a method to determine the amount of chemical in the holipoor, in flight and on the ground 47. NOLO FINIZILES INSTALLED FOR 48. SPRAY TIP AND STRUNER SUE, i.e., SS 5002/50 MESH. (See prospectual for 149. OPERATING BOOM PRESSURE (PS ALBBARTION  ***EMARKS***  ***CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **CERTIFICATION  **COLOR TABLE  **UNACCEPTABLE  **UNACCEPTABLE  ***UNACCEPTABLE  ***UNACCEPTAB	39. Emergency shut-off valve located between	the hopper and pump - ask for demo - r	netration					
42. Functional pressure guage with a minimum range of zero to 60 but no greater than zero to 100 PSI  43. In line strainer - between pump and boom  44. Unused nozztee removed and openings plugged  45. Special equipment required - i.e., flagman, emoker  46. For large aircraft - a method to determine the amount of chemical in the froi poer; in flight and on the ground  47. NO. OF NOZZLES INSTALLED FOR  48. SPRAY TIP AND STRAINER SIZE, i.e., SS 8000/60 MESH (See prospectual for 140. OPERATING BOOM PRESSURE (PS. ZALIBRATION  49. OPERATING BOOM PRESSURE (PS. ZALIBRATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  ACCEPTABLE  UNACCEPTABLE  10. OPPICUL SIGNATURE  11. OPPICUL SIGNATURE  11. OPPICUL SIGNATURE  12. DATE	40. Bleed lines installed on spray booms when	n required (See propectus for corr ect in	nstaliation of blee	i lines)				
II. In line strainer - between pump and boom  M. Unused noticise removed and openings plugged  15. Special equipment required - i.e., flagman, anoker  16. For large shorts - a method to determine the amount of chemical in the froi poer; in flight and on the ground  7. N.O. OF NOZZLES INSTALLED FOR  24. SPRAY TIP AND STRAINER SIZE, i.e., SS \$0002/50 MESH (See prospectual for AG, OPERATING BOOM PRESSURE /PS  7. ALIBRATION  25. SEMARKS  26. CERTIFICATION  CERTIFICATION	11. Pump with capacity to deliver 40 PSI to all	apray nozzies						
45. Special equipment required - i.e., flagman, smoker  46. For large altorath - a method to determine the amount of chemical in the holipper, in flight and on the ground  47. NO. OF NOZZLES INSTALLED FOR  48. SPRAY TIP AND STRAINER SIZE, i.e., SS 8002/50 MESH (See prospectue for A9. OPERATING BOOM PRESSURE (PS. PARDARKS)  ACCEPTABLE  CERTIFICATION  CERTIFICATION  CERTIFICATION  CONTRY that I have completed the above inspections and have noted findings a: ACCEPTABLE UNACCEPTABLE  1. OFFICIAL SIGNATURE  TITLE  52. DATE	42. Functional pressure guage with a minimum	n range of zero to 60 but no greater—the	in zero to 100 PS			i		
45. Special equipment required - i.e., flagman, amoker  46. For large aircraft - a method to determine the amount of chemical in the holipper; in flight and on the ground  47. NO. OF NOZZLES INSTALLED FOR  48. SPRAY TIP AND STRAINER SIZE, i.e., SS 8002/50 MESH (See prospectus for PRESSURE (PS PALERATION)  REMARKS  3.  CERTIFICATION  CERTIFICATION  Certify that I have completed the above inspections and have noted findings a: ACCEPTABLE UNACCEPTABLE  10. OFFICIAL SIGNATURE  TITLE  52. DATE	43. In line strainer - between pump and boom							
AS. For large strosts - a method to determine the amount of chemical in the holipper, in flight and on the ground  AS. SPRAY TIP AND STRAINER SIZE, i.e., SS 8002/50 MESH (See prospectual for particular alcoraft and tip size)  AS. SPRAY TIP AND STRAINER SIZE, i.e., SS 8002/50 MESH (See prospectual for particular alcoraft and tip size)  AS. SPRAY TIP AND STRAINER SIZE, i.e., SS 8002/50 MESH (See prospectual for particular alcoraft and tip size)  AS. SPRAY TIP AND STRAINER SIZE, i.e., SS 8002/50 MESH (See prospectual for particular size and size alcoraft and tip size)  AS. SPRAY TIP AND STRAINER SIZE, i.e., SS 8002/50 MESH (See prospectual for particular size and	14. Unused nozzies removed and openings plu	ugged						
AS, SPRAY TIP AND STRAINER SIZE, i.e., SS 8002/50 MESH (See prospectus for PRESSURE (PS PRESSURE INSTALLED FOR PRE	45. Special equipment required - I.e., flagman,	, smoker						-
CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  CERTIFICATION  CONTROL THE STATE OF TITLE  CONTROL TITLE  S2. DATE	46. For large aircraft - a method to determine t	the amount of chemical in the ho pper; i	n flight and on the	ground				
CERTIFICATION  certify that I have completed the above inspections and have noted findings a: ACCEPTABLE UNACCEPTABLE  1. OFFICIAL SIGNATURE TITLE  62. DATE			SIZE, I.e., SS 800	2/50 MESH (See prosper	otue for 46	), OPERATING	BOOM PR	ESSURE (P
certify that I have completed the above inspections and have noted findings a:  ACCEPTABLE  UNACCEPTABLE  1. OFFICIAL SIGNATURE  TITLE  52. DATE	REMARKS							
certify that I have completed the above inspections and have noted findings a:  OFFICIAL SIGNATURE  TITLE  52. DATE								
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certify that I have completed the above inspections and have noted findings a:  ACCEPTABLE  UNACCEPTABLE  1. OFFICIAL SIGNATURE  TITLE  52. DATE					<del></del>			
certify that I have completed the above inspections and have noted findings a:  ACCEPTABLE  UNACCEPTABLE  1. OFFICIAL SIGNATURE  1. OFFICIAL SIGNATURE  52. DATE					<del></del>	· <del>-</del> · · · · · · · · · · · · · · · · · · ·		
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certify that I have completed the above inspections and have noted findings a:  ACCEPTABLE  UNACCEPTABLE  1. OFFICIAL SIGNATURE  1. OFFICIAL SIGNATURE  52. DATE								
	certify that I have completed the abo			ACCEPTABL	Æ		NACCEPT	ABLE
3. PILOT/CONTRACTOR SIGNATURE 54. DATE	1. OFFICIAL SIGNATURE		TITLE				2. DATE	
	3. PILOT/CONTRACTOR SIGNATURE					5	4. DATE	

Attachment 5

## Prospectus

## ATTACHMENT 5 - AIRCRAFT SPRAY SYSTEM MODIFICATION (DIAGRAM)



Aircraft soray system modification required to prevent entrapment of air and assure dribble-free shut-off.